

**Amendments to the Claims:**

**Listing of the Claims:**

1. (Currently Amended) Flexible tube head (40, 40') formed of a plastic material, the head including an opening defined by an edge (41, 41') and a shoulder (42, 42') connecting the edge to a flexible skirt of a flexible tube for packaging a product, the tube head comprising a pivoting cap formed of a plastic material for closing the opening and an electronic component (20, 20') intended to exchange information about the tube and/or its contents with a read or read/write device outside of the tube without any electrical contact, the electronic component being set within the plastic material forming the tube head the cap such that there is no adhesive material in contact with the packaged product.
2. (Canceled)
3. (Canceled)
4. (Currently Amended) Tube head according to claim 1, in which wherein the total thickness of the electronic component is less than 400 microns.
5. (Currently Amended) Tube head according to claim 1, in which wherein the electronic component includes a support (21, 21') having a periphery, the periphery of the support (21, 21') enclosed by the plastic material forming the head.
6. (Currently Amended) Tube head according to claim [[1]]5, in which wherein the support (21, 21') of the component comprises a material that is melt-compatible with the plastic material forming the head.
7. (Currently Amended) Tube head according to claim 6, in which wherein the support of the component is made of polyethylene or polypropylene.

Claims 8-14 (Canceled)

15. (Previously presented) Flexible tube including a head and a flexible skirt, comprising the tube head of claim 1.

16. (Canceled).

17. (Currently Amended) Tube head according to claim 1 in which wherein the electronic component is an RFID-type electronic component.

18. (Canceled)

19. (Canceled)